

IHS CAPS Universe XML Web Services



Power Your Current Systems and Workflows

Built upon the industry-leading CAPS Universe database, comprised of hundreds of millions of electronic and electro-mechanical records, CAPS XML Web Services is an effective tool for integrating detailed IHS parts information with your internal data, systems and workflows. When integrated with your systems, CAPS XML enables users to access the comprehensive and current data they need from within the internal applications they use on a daily basis—commercial and custom PLM, PDM, ERP and other enterprise systems.

Improved Decisions through the Power of Integrated Content

Getting your products to market faster. Complying with environmental regulations and export controls. Reducing the costs associated with recovering from part obsolescence events. Quickly searching for suitable components. Leveraging a trusted supplier list. IHS CAPS Universe XML Web Services integrated into internal business systems helps organizations achieve these outcomes and improves their parts management decisions.

Proactive Parts Management

IHS CAPS XML allows users to not only search the hundreds of millions of technical parametric values and documents in CAPS Universe but to create their own component watch list. This allows easy monitoring of critical components for change and seamless integration into internal systems. IHS offers the capability to establish a watch list for your parts, making it easier than ever to update your internal systems.

What does industry say about CAPS XML Web Services?

“IHS parts information helps to plan redesigns better and thus makes redesigning more cost-effective. The data...such as information about import/export regulations... are key to tenders, production, sales and products.”

Global leading manufacturer of wireless communications and EMC test and measurement equipment

IHS CAPS XML Web Services Provides:

- Part validation
- Parametric technical attributes
- Current part status and product life cycle
- Current & historical data sheets
- Regulatory & compliance status
- EOL & PCN notifications
- Part crosses, equivalents, FFF replacements
- An easy to integrate toolkit, fully documented and with access to IHS subject matter experts and support experts
- Access to the industry's most comprehensive parts database



Integrate CAPS XML Web Services With	So You Can
Product Lifecycle Management (PLM) Systems Supporting: Engineering & Design Procurement Quality & Compliance	<ul style="list-style-type: none"> • Load and maintain technical & life cycle part information in your PLM system • Monitor your approved parts and automatically update PLM systems/workflows with updated part obsolescence, compliance, datasheets and other technical information • Search and find alternative parts for obsolete or constrained supply parts • Access detailed parametric part content, datasheets and documents • Support NPI (new part introduction) processes in your PLM system
Environmental Compliance Management Systems Supporting: Quality & Compliance Legal & Reporting	<ul style="list-style-type: none"> • Load and maintain environmental & regulatory part information in your compliance system • Monitor your approved parts and update Environmental Compliance systems/workflows with updated compliance information including RoHS/REACH, FMD (full material disclosure), Conflict Minerals declarations and certificates of compliance • Support Conflict Minerals reporting requirements with EICC-GeSI-ready XML
Electronic Design Automation (EDA) Systems Supporting: Engineering & Design Procurement	<ul style="list-style-type: none"> • Load and maintain technical & life cycle part information in your EDA systems • Enable part search and research • Support part selection based on technical part information • Leverage parametric content such as pin counts and package dimensions
ERP (Enterprise Resource Planning) Systems Supporting: Engineering & Design Procurement	<ul style="list-style-type: none"> • Load and maintain technical & life cycle part information in your ERP system • Monitor your approved parts and update ERP systems/workflows with updated part obsolescence and high-level compliance information • Support NPI (new part introduction) process in your ERP system

Integrated into Industry-Leading Applications

CAPS Universe XML has been integrated into commonly-used platforms already, making access to this information easier than ever.

Contact IHS for further details on these integrations, as well as for details on how to integrate CAPS XML into your environment.

Company	Type of Integration
Oracle/Agile PG&C® Mentor Graphics® Convergence Data Services® Perception Software Encompass® Aras Innovator® (coming soon) In-house Development	PLM and Compliance Management Electronic Design Automation Component Management System Intelligent Engineering Search Tools Open Source PLM Solutions A wide variety of custom solutions

[For more information](#)

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